501871722 03/29/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert W. Harris	01/20/2012
Paul D. Brooks	01/20/2012
Thomas M. Gaebel	01/20/2012

RECEIVING PARTY DATA

Name:	Time Warner Cable Inc.
Street Address:	60 Columbus Circle
City:	New York
State/Country:	NEW YORK
Postal Code:	10023

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13354195

CORRESPONDENCE DATA

Fax Number: (508)616-9661 **Phone**: 508-616-9660

Email: docket@chapin-ip-law.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: BARRY W. CHAPIN, CHAPIN IP LAW, LLC

Address Line 1: WESTBOROUGH OFFICE PARK
Address Line 2: 1700 WEST PARK DRIVE, SUITE 280

Address Line 4: WESTBOROUGH, MASSACHUSETTS 01581

ATTORNEY DOCKET NUMBER:	TWC11-08(11-66)
NAME OF SUBMITTER:	Paul P. Kriz

Total Attachments: 15

PATENT REEL: 027957 FRAME: 0565 DP \$40.00 133541

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-1-

ASSIGNMENT

WHEREAS, we, Robert W. Harris, Paul D. Brooks and Thomas M. Gaebel, have invented a certain improvement in SPLIT SIGNAL BANDS IN A MULTI-DIRECTIONAL REPEATER DEVICE described in an application for Letters Patent of the United States, the specification of which:

[]	is being executed on even date herewith and is about to be filed in the United States Patent Office;
[X]	was filed on January 19, 2012 as U.S. Application No. 13/354,195;
[]	was patented under U.S. Patent Noon

WHEREAS, Time Warner Cable Inc., (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Delaware and having a usual place of business at 60 Columbus Circle, New York, NY 10023, desires to acquire an interest therein in accordance with agreements duly entered into with US;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

-2-

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and the date set forth below.

Date: 1-20-12	Attorney Docket No.: TWC11-08(11-66) Joint - 3 -	
Print full name of first inventor:	Robert W. Harris	
Residence:	205 Auburn Woods Circle Venice, FL 34292	
Citizenship:	United States	
Mailing Address:	Same as above	
STATE/COMMONWEALTH OF North Carolina COUNTY OF Mecklenburg		
On this 20th day of, 2012, then personally appeared before me the above-named, 2012, then personally appeared before through satisfactory evidence of identification [v] employee identification card; [] driver's license; [] (other) to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.		
-	Notary Public	
	Print Name: Rhanda MCNei/ My Commission expires 4 / 22/ 2014	

- 4 –

Date:	
	Inventor's Signature
Print full name of second inventor:	Paul D. Brooks
Residence:	4424 Beulah Church Road Weddington, NC 28104
Citizenship:	United States
Mailing Address:	Same as above
COUNTY OF On this day of me the above-named	, 2012, then personally appeared before known to me fication [] employee identification card; []
driver's license; [] (other) whose name is subscribed to the foreg	to be the person going Assignment and acknowledged that he/she and deed for the purposes therein contained.
	Notary Public
	Print Name:
	My Commission expires / /

Attorney Docket No.:	TWC11-08(11-66)
•	Joint

- 5 **–**

Date:	
	Inventor's Signature
Print full name of second inventor:	Thomas M. Gaebel
Residence:	132 Rabbit Road Lexington, SC 29072
Citizenship:	United States
Mailing Address:	Same as above
COUNTY OF On this day of me the above-named through satisfactory evidence of identif	, 2012, then personally appeared before known to me fication [] employee identification card; []
whose name is subscribed to the foreg	to be the person joing Assignment and acknowledged that he/she and deed for the purposes therein contained.
	Notary Public
	Print Name:
	My Commission expires / /

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-2-

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-3-

Date:	
	Inventor's Signature
Print full name of first inventor:	Robert W. Harris
Residence:	205 Auburn Woods Circle Venice, FL 34292
Citizenship:	United States
Mailing Address:	Same as above
STATE/COMMONWEALTH OF COUNTY OF	
On this day of me the above-named through satisfactory evidence of iden driver's license; [] (other) whose name is subscribed to the fore	, 2012, then personally appeared before known to me tification [] employee identification card; [] to be the person egoing Assignment and acknowledged that he/she t and deed for the purposes therein contained.
	Notary Public
	Print Name:
	My Commission expires / /

- 4 –

Date: 1-20-2012	Paul D. Broker	
	Inventor's Signature	
Print full name of second inventor:	Paul D. Brooks	
Residence:	4424 Beulah Church Road Weddington, NC 28104	
Citizenship:	United States	
Mailing Address:	Same as above	
STATE/COMMONWEALTH OF North Carolina COUNTY OF Mecklenburg		
On this		
	Notary Public	
	Print Name: Rhorda McNeil	
	My Commission expires 4 / 12 / 2014	

Attorney Docket No.:	TWC11-08(11-66)
•	Joint

- 5 –

Date:		
	Inventor's Signature	
Print full name of second inventor:	Thomas M. Gaebel	
Residence:	132 Rabbit Road Lexington, SC 29072	
Citizenship:	United States	
Mailing Address:	Same as above	
STATE/COMMONWEALTH OF		
On this day of, 2012, then personally appeared before me the above-named known to me through satisfactory evidence of identification [_] employee identification card; [_] driver's license; [_] (other) to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.		
	Notary Public	
	Print Name:	
	My Commission expires / /	

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AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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IN TESTIMONY WHEREOF, we have hereunto set our hands and the date set forth below.

-3-

Date:	, , , , , , , , , , , , , , , , , , ,
	Inventor's Signature
Print full name of first inventor:	Robert W. Harris
Residence:	205 Auburn Woods Circle Venice, FL 34292
Citizenship:	United States
Mailing Address:	Same as above
STATE/COMMONWEALTH OF	
On this day of me the above-named through satisfactory evidence of iden driver's license; [] (other) whose name is subscribed to the fore	, 2012, then personally appeared before known to me atification [] employee identification card; [] to be the person egoing Assignment and acknowledged that he/she at and deed for the purposes therein contained.
	Notary Public
	Print Name:
	My Commission expires / /

Date:		
	Inventor's Signature	
Print full name of second inventor:	Paul D. Brooks	
Residence:	4424 Beulah Church Road Weddington, NC 28104	
Citizenship:	United States	
Mailing Address:	Same as above	
STATE/COMMONWEALTH OF		
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	Notary Public	
	Print Name:	
	My Commission expires / /	

PATENT

REEL: 027957 FRAME: 0580

	Attorney Docket No.: TWC11-08(11-66) Joint	
Date: 1/20/12	Thomas M Lawl Inventor's Signature	
Print full name of second inventor:	Thomas M. Gaebel	
Residence:	132 Rabbit Road Lexington, SC 29072	
Citizenship:	United States	
Mailing Address:	Same as above	
STATE/COMMONWEALTH OFCOUNTY OF	Richland	
On this		
	Richland	
	Notary Public	
	Print Name:	
	Angela Milbourne	
	My Commission expires <u>2</u> / <u>3</u> / <u>13</u>	
	ANGELA MILBOURNE NOTARY PUBLIC STATE OF SOUTH CAROLINA COMMISSION EXPIRES FEBUARY 3, 2013	

RECORDED: 03/29/2012

PATENT

REEL: 027957 FRAME: 0581